

Translation

EU-Type Examination Certificate Supplement N1

Change to Directive 2014/34/EU

Equipment or Protective System intended for use in potentially explosive atmospheres
Directive 2014/34/EU

EU-Type Examination Certificate Number: **BVS 12 ATEX E 059 X**

Product: **Torch light type PX1 ***

Manufacturer: **PARAT GmbH + Co. KG**

Address: **Schachtlau 3-4, 94089 Neureichenau, Germany**

This supplementary certificate extends EC-Type Examination Certificate No. BVS 12 ATEX E 059 X to apply to products designed and constructed in accordance with the specification set out in the Appendix of the said certificate but having any variations specified in the Appendix attached to this certificate and the documents therein referred to.

DEKRA EXAM GmbH, Notified Body number 0158, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the Confidential Report No. PP 12.2158 EU.


Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012 + A11:2013	General requirements
EN 60079-7:2007	Increased safety "e"
EN 60079-11:2012	Intrinsic safety "i"

If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the appendix to this certificate.

This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

The marking of the product shall include the following:

 **See subject and type on the next page**

DEKRA EXAM GmbH
Bochum, 2016-05-02

Signed: Dr. Eickhoff
Certifier

Signed: Dr. Wittler
Approver

13 **Appendix**

14 **EU-Type Examination Certificate**

**BVS 12 ATEX E 059 X
Supplement N1**

15 **Product description**
15.1 **Subject and type**

Torch light type PX1 *

The asterisk in the type designation represents the variants of enclosures lamp modules as follows:

Type	Marking
PX1 XAG LED 123	Ex ib IIC T4 Gb Ex ib IIIC T105°C Db IP68
PX1 PC LED 123	Ex ib IIB T4 Gb Ex ib IIIC T105°C Db IP68
PX1 XAG Xenon 122	Ex ib e IIC T4 Gb Ex ib IIIC T105°C Db IP64
PX1 PC Xenon 122	Ex ib e IIB T4 Gb

15.2 **Description**

The torch light type PX1 * is a series of handheld torches fitted with either a LED or a Xenon lamp module, powered by 4 AA cells.

The enclosure is constructed from conductive polycarbonate for use in gas group IIC designated model number PX1 XAG * and non-conducting polycarbonate for use in gas group IIB designated model number PX1 PC *.

All variants are certified for use in explosive gas atmospheres, but only the handheld torches type PX1 XAG * and type PX1 PC LED 123 can also be used in explosive dust atmospheres.

Reasons for the supplement:

With this supplement the certificate is changed to Directive 2014/34/EU.

The torch lights were assessed in accordance with the current standards. The torch lights can be used with two further battery types.

15.3 **Parameters**

15.3.1 Ambient temperature range

15.3.1.1 With LED lamp module -20 °C ≤ Ta ≤ +40 °C

15.3.1.2 With Xenon lamp module 0 °C ≤ Ta ≤ +40 °C

16 **Report Number**

BVS PP 12.2158 EU, as of 2016-05-02

17 **Specific Conditions of Use**

It is allowed to use only the batteries listed in the manufacturer's instructions.

18 **Essential Health and Safety Requirements**

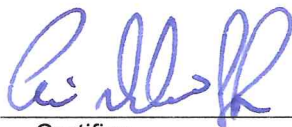
The Essential Health and Safety Requirements covered by the standards listed under item 9.

19 **Drawings and Documents**

Drawings and documents are listed in the confidential report.

We confirm the correctness of the translation from the German original.
In the case of arbitration only the German wording shall be valid and binding.

DEKRA EXAM GmbH
Bochum, dated 2016-05-02
BVS-Bo/Nu A 20150976



Certifier



Approver

